

Claims:

1. A blister and package apparatus comprising:
a blister card for sliding into an outer package, the blister card further comprising:
a formable base,
one or more blisters formed in the base, the blisters having open cavities for
holding products, and
one or more layers of frangible sheet material over openings in the cavities for
closing the cavities and holding the products in the cavities and for
opening to release the products from the cavities,
the outer package further comprising:
one or more pieces of sheet material folded for creating an enclosure for holding
the blister card,
an interference mechanism for preventing complete separation of the blister card and the
outer package, the interference mechanism further comprising:
a catch flap attached to the outer package, and
an interference stop on the blister card for contacting the catch flap on the outer
package.
2. The apparatus of claim 1, wherein interference stop holds no product.
3. The apparatus of claim 1, wherein the interference stop is located near an end of
the blister card.
4. The apparatus of claim 1, wherein the blister card is a continuous, self-contained
blister sheet, with integrally formed blisters containing products and a fracturable sheet covering
openings of the blisters and retaining products in the blisters.

5. The apparatus of claim 4, wherein the blister card is folded sheet material that has apertures on opposite sides respectively for receiving the blisters and for providing access to the fracturable sheet covering the blisters.

6. The apparatus of claim 1, wherein the one or more pieces of sheet material for forming the outer package are paper, paperboard, coated paper, plastic or a combination thereof.

7. The apparatus of claim 1, wherein the outer package has an open end and a closed end and the catch flap is located at and extends inward from the open end of the outer package.

8. The apparatus of claim 7, wherein the interference stop is located at an end of the blister card near the closed end of the outer package for interacting with the catch flap when the blister card is slid outward through the open end of the package.

9. The apparatus of claim 1, wherein the stop is spaced from the product holding blisters on the card and the catch flap rides on the product holding blisters when the blisters are adjacent the stop for moving toward the base for engaging the stop when the blisters are moved outside of the outer package by partially sliding the blister card outward from the outer package and wherein the catch flap is moved by the blisters as the blister card is slid inward in the outer package.

10. The apparatus of claim 1, further comprising a child resistant lock formed in the outer package, wherein sliding of the blister card partially outward from the outer package for exposing the blisters requires initially disengaging the child resistant lock.

11. The apparatus of claim 10, wherein the outer package has a closed end and an open end, and wherein the child resistant comprises an internal locking flap extending inward from an inner surface of the package toward the blister card and toward the closed end of the package for engaging the stop when the blister card is fully inserted in the outer package.

12. The apparatus of claim 11, further comprising a lifter connected to the locking flap for moving the locking flap out of engagement with the stop for permitting at least partial outward sliding of the blister card through the open end of the outer package for exposing the blisters from the outer package.

13. The apparatus of claim 10, further comprises scoring for folding.

14. The apparatus of claim 13, wherein the folding of the internal locking flap and first extension panels creates a spring back.

15. The apparatus of claim 1, wherein the one or more pieces of sheet material are cut, scored, folded and glued to create the outer package.

16. The apparatus of claim 15, wherein the cutting, scoring, folding and gluing create a front panel, back panel, side panels, the catch flap, locking panels and closure panels.

17. The apparatus of claim 15, wherein the cutting, scoring, folding and gluing creates one or more multiple thickness panels.

18. The apparatus of claim 15, wherein the cutting, scoring, folding and gluing creates one or more multiple thickness panels.

19. The apparatus of claim 15, wherein additional panels are created for literature pockets, closure flaps, tuck in flaps, and visual appearance.

20. The apparatus of claim 1, further comprising a folded over card carrier for wrapping around the blister card and gluing to hold the card folded over the blister card.

21. The apparatus of claim 20, wherein apertures are formed on a first half of the card carrier for providing access to the one or more layers of sheet material over the one or more cavities, and corresponding apertures are formed on a second half of the card carrier for receiving the cavities of the blister card.

22. The apparatus of claim 20, wherein the card carrier has a stop at one end and wherein the stop fits through a hole on the first half of the card carrier and a hole on the second half of the card carrier allows access to the stop.

23. The apparatus of claim 22, wherein the stop is a hollow blister with a flange for fitting between sides of the card carrier.

24. The apparatus of claim 20, wherein the card carrier is held closed by an extruded hot melt layer on the card that is activated by heat and pressure.

25. A blister and package apparatus comprising:

a blister card,

one or more blisters on the blister card for holding products,

one or more interference stops on the blister card,

an outer package for containing the blister card further comprising a top, a back, two

sides, a closed end and an open end, and

a closure flap folded into the open end of the outer package, wherein the closure flap

contacts top surfaces of the one or more blisters when the apparatus is closed and

contacts the one or more interference stops when the apparatus is opened.

26. The apparatus of claim 25, further comprising a locking mechanism for preventing movement of the blister card out of the outer package.

27. The apparatus of claim 26, wherein the locking mechanism is a locking tab for contacting the one or more interference stops.

29. The apparatus of claim 27, wherein the locking mechanism is released by pressing a lever at an end of the locking tab.

30. The apparatus of claim 27, wherein the locking mechanism is released by

inserting a finger through an opening and releasing the locking tab.

30. A blister and package system method comprising:

providing an outer package of folded sheet materials,

providing a blister card for sliding into the outer package,

providing an interference mechanism for preventing complete separation of the blister

card and the outer package, the interference mechanism further comprising a stop

flap on the outer package and an interference stop on the blister card,

inserting the blister card into the outer package,

pulling an exposed end of the blister card until the stop flap on the outer package contacts

the interference stop,

removing product from cavities in the blister card, and

pushing the exposed end of the blister card until the blister card is fully reinserted into the

outer package.

31. The method of claim 30, wherein the stop flap is located at an open end of the outer package.

32. The method of claim 30, further comprising disengaging a child resistant lock before pulling the exposed end of the blister card out of the outer package.

33. The method of claim 32, wherein a release panel is located on the outer package for releasing the child resistant lock.